GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:2383
ANSWERED ON:30.11.2016
Construction of Nuclear Reactors
Singh Shri Kirti Vardhan

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether the Government has signed an agreement in the recent past with theRussian Government for construction of two more nuclear reactors of 1000 MW each;

(b)if so, the details thereof;

(c)the total number of nuclear reactors active in India and their total capacity of producing power, plant-wise; and

(d)whether all the reactors are functioning on optimum mode, if so, the details thereof and if not, the reasons therefor?

Answer

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (Dr. JITENDRA SINGH):

(a)&(b) A General Framework Agreement (GFA) for setting up two units of 1000 MW each at Kudankulam in Tamil Nadu (KKNPP-3&4 − 2X1000 MW) was signed by Nuclear Power Corporation of India Limited (NPCIL) with Atomstroyexport (ASE) of Russian Federation in April 2014 and a supplement to the GFA in December 2014. In addition, techno-commercial discussions between NPCIL and ASE for two more units at Kudankulam in Tamil Nadu (KKNPP 5&6 − 2X1000 MW) have been concluded.

(c)The details are enclosed as Annexure.

(d)Yes, Sir. The reactors in operation are being operated close to their rated capacity.

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Annexure
Annexure referred to in reply to part (c) of Lok Sabha USQ 2383 for answer on 30.11.2016

State Location Units Capacity (MW)
Maharashtra Tarapur TAPS-1 160
TAPS-2 160
TAPS-3 540
TAPS-4 540
Rajasthan Rawatbhata RAPS-1* 100
RAPS-2 200
RAPS-3 220
RAPS-4 220
RAPS-5 220
RAPS-6 220
Tamil Nadu Kalpakkam MAPS-1 220
MAPS-2 220
Kudankulam KKNPP-1 1000
KKNPP-2** 1000
Uttar Pradesh Narora NAPS-1 220
NAPS-2 220
Gujarat Kakrapar KAPS-1# 220
KAPS-2# 220
Karnataka Kaiga KGS-1 220
KGS-2 220
KGS-3 220
KGS-4 220
*Under extended shutdown for techno-economic assessment for continued operation.

** Expected to be in commercial operation by the end of this year.

Presently the units are under long shutdown for Enmasse Coolant Channel Replacement (EMCCR) and Enmasse Feeder Replacement (EMFR)

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